NOTES

NOTE:

THE POSITIONING AND DIMENSIONS OF THE EQUIPMENT INDICATED IN THE PROJECT ARE INDICATIVE AND MUST BE VERIFIED ON SITE WITH THE WORKS MANAGEMENT;
NB: ALL EQUIPMENT MUST BE INSTALLED IN STRICT COMPLIANCE WITH THE INSTALLATION MANUALS FOR THE EQUIPMENT;
NB: DRAWING NOT VALID FOR ARCHITECTURAL PURPOSES

NOTE:

FOR PLUMBING, THERMAL, ELECTRICAL AND ELECTRONIC CONNECTIONS FOLLOW SCRUPULOUSLY FOLLOW THE INSTRUCTIONS OF THE MANUFACTURERS OF THE PRODUCTS AND THE REGULATIONS IN FORCE REGARDING SAFETY AND CORRECT INSTALLATION OF THE SYSTEMS

NOTE:

THE POSITION OF THE COMPONENTS OF THE MECHANICAL SYSTEM SHOWN IN THE DIAGRAMS IS PURELY INDICATIVE; IT WILL HAVE TO BE VERIFIED DURING CONSTRUCTION ACCORDING TO ACTUAL NEEDS.

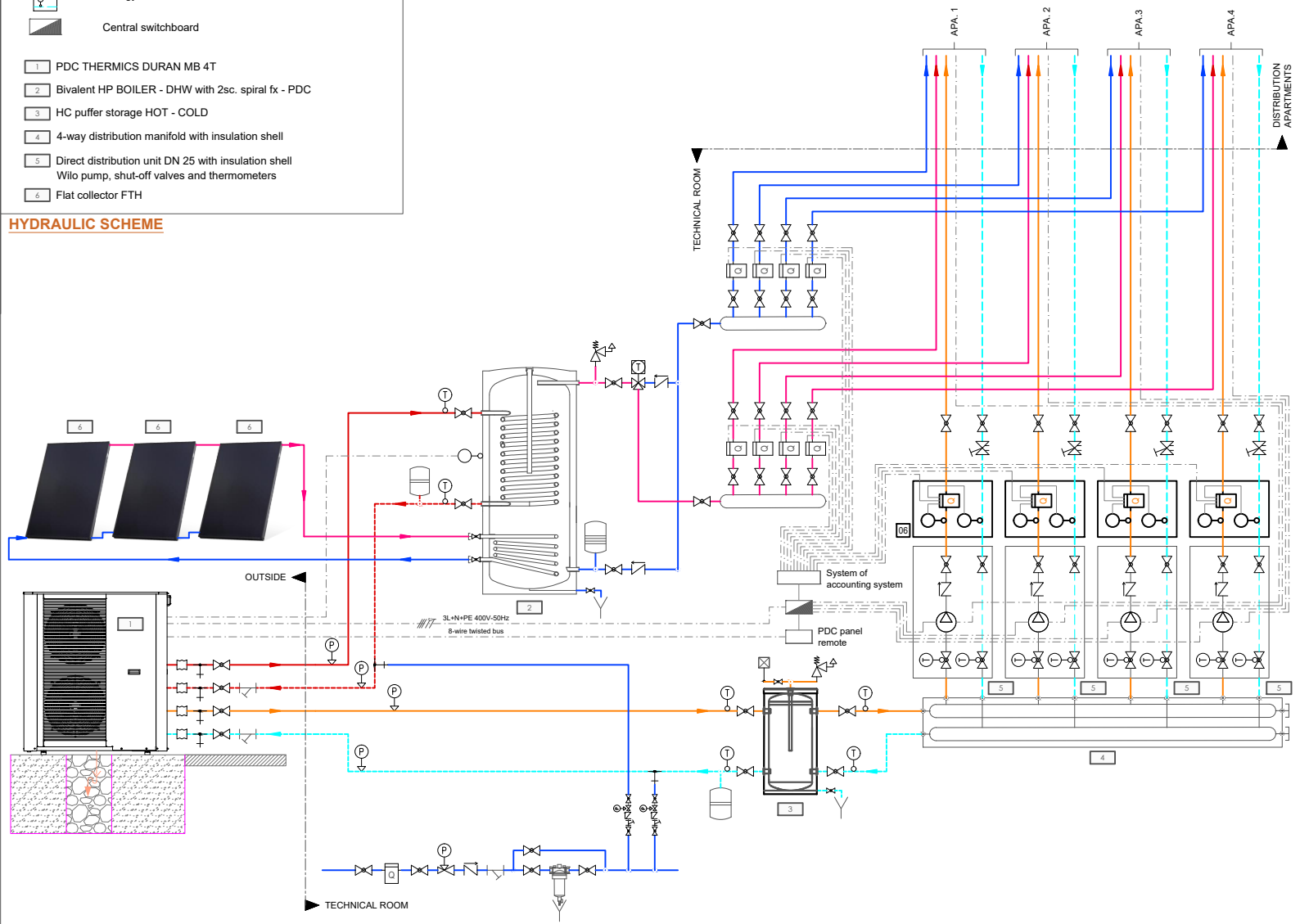
CAPTION

- High-temperature circuit - Discharge
- High-temperature circuit - Return
- Low-temperature circuit - Flow
- Low temperature circuit - Return
- Sanitary cold water
- Domestic hot water
- Electrical connections
- Shut-off valve - butterfly handle
- Y-filter
- Expansion vessel for heating
- Expansion vessel for sanitary
- Safety valve
- Non-return valve
- Balancing valve
- System loading/unloading taps
- Automatic air venting devices
- Volumetric counter (with possible pulse launcher)
- Blind stopper
- Manometer
- Thermometer
- Temperature probe
- Manual self-cleaning filter
- Automatic loading unit

- Anti-vibration joint
- Thermostatic mixer
- Energy meter
- Central switchboard

1. PDC THERMICS DURAN MB 4T
2. Bivalent HP BOILER - DHW with 2sc. spiral fx - PDC
3. HC puffer storage HOT - COLD
4. 4-way distribution manifold with insulation shell
5. Direct distribution unit DN 25 with insulation shell
   Wilo pump, shut-off valves and thermometers
6. Flat collector FTH

HYDRAULIC SCHEME



ATTENTION! This indicative diagram is not a substitute for proper professional system planning! This diagram does not include all of the shut-off and safety devices required for proper installation. Applicable national and international laws, regulations, standards and directives must be observed! If there are specific special circumstances or potential differences in the installation environment (e.g. climatic conditions), it is recommended to involve a specialist technical office in the project.

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SCHEMA FUNZIONALE
DURAN MB 4T + SOLARE TERMICO FTH

PAGE	BY	DATE	CLIENT
1	AC	16/05/2024	/
	REVISION	CODE	PLANT/BUILDING SITE
	00	DU_3.1	FUNCTIONAL DIAGRAM

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